

**(57) Abstract**

An isolated, synthetic or recombinant  $\omega$ -conotoxin peptide in which the fourth loop between cysteine residues 5 and 6 comprises SEQ ID NO: 1 or such a sequence which has undergone one or more amino acid substitutions or side chain modifications, and uses therefor. SEQ ID NO: 1 comprises the amino acid sequence SGTVGR.